

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/529,967  
Source: PG/10  
Date Processed by STIC: 4/12/05

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 04/12/2005

PATENT APPLICATION: US/10/529,967

TIME: 08:57:03

Input Set : D:\NIHA0194.ST25.txt

Output Set: N:\CRF4\04122005\J529967.raw

```

3 <110> APPLICANT: Janini, George
4      Isaaq, Haleem J.
5      Veenstra, Timothy D.
6      Conrads, Thomas P.
7      Wilkens, Kenneth L.
.9 <120> TITLE OF INVENTION: CONTIGUOUS CAPILLARY ELECTROSPRAY SOURCES AND ANALYTICAL
DEVICES
11 <130> FILE REFERENCE: NIHA-0194
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/529,967
C--> 13 <141> CURRENT FILING DATE: 2005-03-31
13 <150> PRIOR APPLICATION NUMBER: PCT/US2003/033200
14 <151> PRIOR FILING DATE: 2003-10-20
16 <150> PRIOR APPLICATION NUMBER: US 60/420,003
17 <151> PRIOR FILING DATE: 2002-10-21
19 <160> NUMBER OF SEQ ID NOS: 17
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 9
25 <212> TYPE: PRT
26 <213> ORGANISM: horse apomyoglobin tryptic digest
28 <400> SEQUENCE: 1
30 His Leu Lys Thr Glu Ala Glu Met Lys
31 1          5
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 16
36 <212> TYPE: PRT
37 <213> ORGANISM: horse apomyoglobin tryptic digest
39 <400> SEQUENCE: 2
41 Tyr Leu Glu Phe Ile Ser Asp Ala Ile Ile His Val Leu His Ser Lys
42 1          5              10              15
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 14
47 <212> TYPE: PRT
48 <213> ORGANISM: horse apomyoglobin tryptic digest
50 <400> SEQUENCE: 3
52 His Gly Thr Val Val Leu Thr Ala Leu Gly Gly Ile Leu Lys
53 1          5              10
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 8
58 <212> TYPE: PRT
59 <213> ORGANISM: horse apomyoglobin tryptic digest
61 <400> SEQUENCE: 4
63 Tyr Lys Glu Leu Gly Phe Gln Gly
64 1          5

```

## RAW SEQUENCE LISTING

DATE: 04/12/2005

PATENT APPLICATION: US/10/529,967

TIME: 08:57:03

Input Set : D:\NIHA0194.ST25.txt

Output Set: N:\CRF4\04122005\J529967.raw

```

67 <210> SEQ ID NO: 5
68 <211> LENGTH: 16
69 <212> TYPE: PRT
70 <213> ORGANISM: horse apomyoglobin tryptic digest
72 <400> SEQUENCE: 5
74 Gly Leu Ser Asp Gly Glu Trp Gln Gln Val Leu Asn Val Trp Gly Lys
75 1          5          10          15
78 <210> SEQ ID NO: 6
79 <211> LENGTH: 16
80 <212> TYPE: PRT
81 <213> ORGANISM: horse apomyoglobin tryptic digest
83 <400> SEQUENCE: 6
85 Gly Leu Ser Asp Gly Glu Trp Gln Gln Val Leu Asn Val Trp Gly Lys
86 1          5          10          15
89 <210> SEQ ID NO: 7
90 <211> LENGTH: 15
91 <212> TYPE: PRT
92 <213> ORGANISM: horse apomyoglobin tryptic digest
94 <400> SEQUENCE: 7
96 Val Glu Ala Asp Ile Ala Gly His Gly Gln Glu Val Leu Ile Arg
97 1          5          10          15
100 <210> SEQ ID NO: 8
101 <211> LENGTH: 5
102 <212> TYPE: PRT
103 <213> ORGANISM: horse apomyoglobin tryptic digest
105 <400> SEQUENCE: 8
107 Phe Asp Lys Phe Lys
108 1          5
111 <210> SEQ ID NO: 9
112 <211> LENGTH: 9
113 <212> TYPE: PRT
114 <213> ORGANISM: horse apomyoglobin tryptic digest
116 <400> SEQUENCE: 9
118 His Leu Lys Thr Glu Ala Glu Met Lys
119 1          5
122 <210> SEQ ID NO: 10
123 <211> LENGTH: 14
124 <212> TYPE: PRT
125 <213> ORGANISM: horse apomyoglobin tryptic digest
127 <400> SEQUENCE: 10
129 His Gly Thr Val Val Leu Thr Ala Leu Gly Gly Ile Leu Lys
130 1          5          10
133 <210> SEQ ID NO: 11
134 <211> LENGTH: 8
135 <212> TYPE: PRT
136 <213> ORGANISM: horse apomyoglobin tryptic digest
138 <400> SEQUENCE: 11
140 Gly His His Glu Ala Glu Leu Lys
141 1          5

```

## RAW SEQUENCE LISTING

DATE: 04/12/2005

PATENT APPLICATION: US/10/529,967

TIME: 08:57:03

Input Set : D:\NIHA0194.ST25.txt

Output Set: N:\CRF4\04122005\J529967.raw

```

144 <210> SEQ ID NO: 12
145 <211> LENGTH: 9
146 <212> TYPE: PRT
147 <213> ORGANISM: horse apomyoglobin tryptic digest
149 <400> SEQUENCE: 12
151 Pro Leu Ala Gln Ser His Ala Thr Lys
152 1 5
155 <210> SEQ ID NO: 13
156 <211> LENGTH: 16
157 <212> TYPE: PRT
158 <213> ORGANISM: horse apomyoglobin tryptic digest
160 <400> SEQUENCE: 13
162 Tyr Leu Glu Phe Ile Ser Asp Ala Ile Ile His Val Leu His Ser Lys
163 1 5 10 15
166 <210> SEQ ID NO: 14
167 <211> LENGTH: 15
168 <212> TYPE: PRT
169 <213> ORGANISM: horse apomyoglobin tryptic digest
171 <400> SEQUENCE: 14
173 His Pro Gly Asn Phe Gly Ala Asp Ala Gln Gly Ala Met Thr Lys
174 1 5 10 15
177 <210> SEQ ID NO: 15
178 <211> LENGTH: 6
179 <212> TYPE: PRT
180 <213> ORGANISM: horse apomyoglobin tryptic digest
182 <400> SEQUENCE: 15
184 Ala Leu Glu Leu Phe Arg
185 1 5
188 <210> SEQ ID NO: 16
189 <211> LENGTH: 6
190 <212> TYPE: PRT
191 <213> ORGANISM: horse apomyoglobin tryptic digest
193 <400> SEQUENCE: 16
195 Asn Asp Ile Ala Ala Lys
196 1 5
199 <210> SEQ ID NO: 17
200 <211> LENGTH: 8
201 <212> TYPE: PRT
202 <213> ORGANISM: horse apomyoglobin tryptic digest
204 <400> SEQUENCE: 17
206 Tyr Lys Glu Leu Gly Phe Gln Gly
207 1 5

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/529,967

DATE: 04/12/2005

TIME: 08:57:04

Input Set : D:\NIHA0194.ST25.txt

Output Set: N:\CRF4\04122005\J529967.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date